

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	9609.4910002/JAG/JUK
First Inventor	Tae-Wan KIM
Title	Method for Treatment of Neurodegenerative Diseases
Express Mail Label No.	

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 202311. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.3. ☒ Specification [Total Pages 52]  
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawings (35 U.S.C. 113) [Total Sheets 19]

5. Oath or Declaration [Total Pages \_\_\_\_\_]

a. ☐ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR §§  
1.63(d)(2) and 1.33(b).6. ☒ Application Data Sheet. See 37 CFR 1.76.7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program  
(Appendix)8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ paperc. ☐ Statements verifying identity of above copiesjc918 U.S. PTO  
09/814179  
03/22/01**ACCOMPANYING APPLICATION PARTS**9. ☐ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must  
attach form PTO/SB/35 or its equivalent.17. ☒ Other: Authorization under 37 C.F.R. § 1.136(a)(3)☒ Other: The name of the assignee is: The General Hospital Corporation18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:☒ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP)

Prior application information: Examiner \_\_\_\_\_

of prior application No: PCT/US00/20138

Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is  
considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only  
be relied upon when a portion has been inadvertently omitted from the submitted application parts.**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

Customer No. 26111



(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.C.			
	Attorneys at Law PATENT, TRADEMARK OFFICE			
ADDRESS				
CITY		STATE		ZIP CODE
COUNTRY		TELEPHONE		FAX

NAME (Print/Type)	Judith U. Kim	Registration No. (Attorney)	40,679
SIGNATURE		Date	March 22, 2001

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount  
of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND  
FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.  
SKGF Rev 2/14/01 mac

contsbo5

1c860 U.S. PTO  
03/22/01

**STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.**  
ATTORNEYS AT LAW  
1100 NEW YORK AVENUE, N.W. • WASHINGTON, D.C. 20005-3934  
PHONE: (202) 371-2600 • FACSIMILE: (202) 371-2540 • www.skgf.com

jc918 U.S. PTO  
09/814179  
03/22/01

ROBERT GREENE STERNE  
EDWARD J. KESSLER  
JORGE A. GOLDSTEIN  
SAMUEL L. FOX\*\*\*  
DAVID K.S. CORNWELL  
ROBERT W. ESMOND  
TRACY-GENE G. DURKIN  
MICHAEL A. CIMBALA  
MICHAEL B. RAY  
ROBERT E. SOKOHL  
ERIC K. STEFFE  
MICHAEL Q. LEE  
STEVEN R. LUDWIG

JOHN M. COVERT\*  
LINDA E. ALCORN  
ROBERT C. MILLONIG  
MICHAEL V. MESSINGER  
JUDITH U. KIM  
TIMOTHY J. SHEA, JR.  
DONALD R. MCPHAIL  
PATRICK E. GARRETT  
STEPHEN G. WHITESIDE  
JEFFREY T. HELVEY\*  
JEFFREY L. KRAUS  
JEFFREY R. KURIN  
RAYMOND MILLIEN

PATRICK D. O'BRIEN  
LAWRENCE B. BUGAISKY  
CRYSTAL D. SAYLES  
EDWARD W. YEE  
ALBERT L. FERRO\*  
DONALD R. BANOWIT  
PETER A. JACKMAN  
MOLLY A. MCCALL  
TERESA U. WEAVER  
JEFFREY S. VIDOVIK  
KRISTIN K. PATTERSON  
KENDRICK P. PATTERSON  
DONALD J. FEATHERSTONE

GRANT E. REED  
VINCENT L. CAPUANO  
JOHN A. HARROUN\*  
ALBERT J. FASULO II\*  
W. BRIAN EDGE\*  
ELDORA ELLISON FLOYD\*  
W. RUSSELL SWINDELL  
THOMAS C. FIALA  
LONNY L. MULLER\*  
BRIAN J. DEL BUONO\*  
VIRGIL L. BEASTON\*  
RYAN J. STAMPER\*

KAREN R. MARKOWICZ\*\*  
SUZANNE E. ZISKA\*\*  
ANDREA J. KAMAGE\*\*  
NANCY J. LEITH\*\*  
ELIZABETH J. HAANES\*\*  
MARK P. TERRY\*\*

\*BAR OTHER THAN D.C.  
\*\*REGISTERED PATENT AGENT  
\*\*\*SENIOR COUNSEL

WRITER'S DIRECT NUMBER:  
(202) 371-2678

March 22, 2001

Box Patent Application

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Continuation Utility Patent Application under 37 C.F.R. § 1.53(b)  
(based on Intl. Appl No. PCT/US00/20138; Intl. Filing Date: July 25, 2000)  
Appl. No. To be assigned; Filed: Herewith (March 22, 2001)  
For: **Method for Treatment of Neurodegenerative Diseases**  
Inventors: Kim et al.  
Our Ref: 0609.4910002/JAG/JUK

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
2. U.S. Utility Patent Application entitled:  
**Method for Treatment of Neurodegenerative Diseases**  
and naming as inventors:

Tae-Wan KIM  
Rudolph E. TANZI  
Andrew S. YOO

Commissioner for Patents  
March 22, 2001  
Page 2

and claiming priority to:

International Application No. PCT/US00/20138; International Filing Date:  
July 25, 2000

the application consisting of:

- a. A specification containing:
    - i. 42 pages of description prior to the claims;
    - ii. 9 pages of claims (41 claims);
    - iii. a one (1) page abstract;
  - b. 19 sheets of formal drawings (Figures 1A, 1B-1C, 1D, 1E-1F, 2A-2B, 2C-2D, 3A, 3B, 4A, 4B-4D, 5A-5C, 5D-5F, 6A-6B, 7A, 7B-7C, 8A-8B, 8C-8D, 9A-9B, 9C-9D);
3. Application Data Sheet;
  4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*); and
  5. Two (2) return postcards.

The name of the assignee is The General Hospital Corporation.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Judith U. Kim  
Attorney for Applicants  
Registration No. 40,679

JAG/JUK/lam  
Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kim *et al.*

Appl. No. To be assigned

Filed: Herewith (March 22, 2001)

For: **Method for Treatment of  
Neurodegenerative Diseases**

Art Unit: To be assigned

Examiner: To be assigned

Atty. Docket: 0609.4910002/JAG/JUK

**Authorization To Treat A Reply As Incorporating An Extension Of  
Time Under 37 C.F.R. § 1.136(a)(3)**

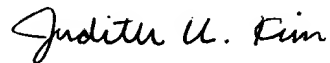
Commissioner for Patents  
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Judith U. Kim  
Attorney for Applicants  
Registration No. 40,679

Date: March 22, 2001  
1100 New York Avenue, N.W., Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600